

Title (en)
METHODS AND APPARATUS FOR VISION ENHANCEMENT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR SICHTERWEITERUNG

Title (fr)
PROCÉDÉS ET APPAREIL POUR L'AMÉLIORATION DE LA VISION

Publication
EP 3218850 A4 20180627 (EN)

Application
EP 15858602 A 20151110

Priority

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- US 2015059950 W 20151110

Abstract (en)
[origin: WO2016077343A1] A system and methods for the enhancement of a user's vision using a head-mounted and user-controllable device including a magnification bubble having variable attributes wherein a portion of the scene is magnified within the complete scene, wherein the user is able to modify, in real-time, how the images are processed including the attributes of the magnification bubble.

IPC 8 full level
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CPC (source: EP US)
G02B 27/017 (2013.01 - EP US); **G06F 3/013** (2013.01 - EP US); **G02B 2027/0138** (2013.01 - EP US); **G02B 2027/014** (2013.01 - EP US); **G06F 2203/04805** (2013.01 - EP US); **H04N 5/772** (2013.01 - EP US)

Citation (search report)

- [Y] EP 2621169 A1 20130731 - ESIGHT CORP [CA]
- [Y] US 2010079356 A1 20100401 - HOELLWARTH QUIN C [US]
- [Y] US 2008238947 A1 20081002 - KEAHEY T ALAN [US], et al
- See references of WO 2016077343A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016077343 A1 20160519; AU 2015346507 A1 20170629; CA 2971163 A1 20160519; EP 3218850 A1 20170920; EP 3218850 A4 20180627; US 10146304 B2 20181204; US 10444833 B2 20191015; US 2016156850 A1 20160602; US 2019056783 A1 20190221; US 2022043513 A1 20220210

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US 2015059950 W 20151110; AU 2015346507 A 20151110; CA 2971163 A 20151110; EP 15858602 A 20151110; US 201514937373 A 20151110; US 201816137003 A 20180920; US 202117445935 A 20210825